

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15517	naphthalene\$1	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 12:06
L3	60	(44/562).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/05 12:09
L4	118	cyclohexane\$1 and aviation fuel	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 12:10
L5	5	("2407718").URPN.	USPAT	ADJ	OFF	2008/12/05 12:18
L6	5	(cyclohexane\$1 with fuel).ab.	USPAT	ADJ	OFF	2008/12/05 12:20
L7	0	isopentane and isobutane with aviation fuel	USPAT	ADJ	OFF	2008/12/05 12:22
L8	0	(isopentane and isobutane) with aviation fuel	USPAT	ADJ	OFF	2008/12/05 12:22
L9	7	(isopentane and isobutane) and aviation fuel	USPAT	ADJ	OFF	2008/12/05 12:22
L10	3	("4812146"   "5277881"   "6187064").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:23
L11	402	cyclohexane and octane rating	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:34
L12	46	I11 and isoctane	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:34
L13	8	("3106194").URPN.	USPAT	ADJ	OFF	2008/12/05 12:36
L15	2	("2409156").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/05 12:42
L19	1	("6451075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/05 12:43
L20	3	("4812146"   "5277881"   "6187064").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:43
L21	1	("5851241").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/05 12:44
L22	10	("2819953"   "4233035"   "4396398"   "4405338"   "4690687"   "5470358"   "5484463"   "5514190"   "5516342").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:44
L24	87	(aromatic\$1 and reduce\$1 and fuel\$1).ab.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:47
L25	11	I24 and cyclohexane	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:47
L26	12	I24 and cyclohexan\$2	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 12:48

L27	6108	(fuel or gasoline) composition	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 13:04
L28	839	((fuel or gasoline) composition).ti.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 13:04
L29	22	((fuel or gasoline) composition).ti.) and isoctane and xylene	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/12/05 13:05
L30	2	("2432030").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/05 13:08
L32	9098	cyclohexane and fuel	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 13:22
L34	15528	isoctane or i-octane or i-octane or 2,2,4-trimethylpentane	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 13:30
L35	1577	i34 and (cycloparaffin\$1 or cycloalkane\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 13:32
L37	7994	i34 and (CYCLOHEXANE\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 13:32
L41	1877	i37 and (isobutane\$1 or isopentane\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 13:34
L42	402	i41 and (fuel\$1 or gasoline\$1 or avgas)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/05 13:34
S2	3	(("2409156") or ("3644196") or ("6207040")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/09 10:23
S10	0	("2409156").URPN.	USPAT	ADJ	OFF	2008/10/09 10:53
S11	10	("3121676"   "3146187"   "3239573"   "3248438"   "3260762").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/09 10:53
S13	2	("3644196").URPN.	USPAT	ADJ	OFF	2008/10/09 10:54
S22	2	F4 octane number same "130"	US-PGPUB; USPAT	ADJ	OFF	2008/10/09 12:44
S23	43	("3658690"   "3753670"   "3886759"   "3903194"   "3955938"   "3957901"   "3988122"   "4022589"   "4118425"   "4214876"   "4215997"   "4220120"   "4312636"   "4313738"   "4319981"   "4322304"   "4324569"   "4372752"   "4387257"   "4388081"   "4437436"   "4468233"   "4501596"   "4508617"   "4571439"   "4579990"   "4607129"   "4647368"   "4699629"   "4737159"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/09 16:09

		"4743273"   "4773916"   "4812146"   "4818250"   "4824552"   "4844717"   "4851601"   "4873389"   "4884531"   "4899014"   "4955332"   "5015356"   "5041208").PN.				
S24	22	("5288393").URPN.	USPAT	ADJ	OFF	2008/10/09 16:19
S25	38	("1239099"   "1239100"   "1409404"   "1429175"   "1523314"   "2032330"   "2055455"   "2076519"   "2190480"   "2204215"   "2407716"   "2409157"   "2888394"   "2894896"   "2968609"   "3002917"   "3009789"   "4050419"   "4112889"   "4180036"   "4429675").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/09 16:29
S26	16	("5015356").URPN.	USPAT	ADJ	OFF	2008/10/09 16:32
S27	152	("1409404"   "2032330"   "2142937"   "2190480"   "2204215"   "2209904"   "2401983"   "2407716"   "2407717"   "2409157"   "2411582"   "2495648"   "2593561"   "2857254"   "2939836"   "2944003"   "2968609"   "3002917"   "3009789"   "3009791"   "3034878"   "3156640"   "3385680"   "3391077"   "3658690"   "3685502"   "3753670"   "3758401"   "3765848"   "3785790"   "3836342"   "3873276"   "3886759"   "3894849"   "3902870"   "3903194"   "3904508"   "3920698"   "3955938"   "3957901"   "3980448"   "3988122"   "4017268"   "4022589"   "4045092"   "4112889"   "4118425"   "4180036"   "4194886"   "4205960"   "4211639"   "4214876"   "4215997"   "4220120"   "4231756"   "4244703"   "4294587"   "4295861"   "4295862"   "4297172"   "4312636"   "4313738"   "4319981"   "4321061"   "4321063"   "4322304"   "4324569"   "4336032"   "4339245"   "4341529"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/09 16:36

		"4347062"   "4372752"   "4378230"   "4378231"   "4387257"   "4388081"   "4417904"   "4420930"   "4429173"   "4437435"   "4437436"   "4444567"   "4455909"   "4468233"   "4474580"   "4501596"   "4508617"   "4525174"   "4571439"   "4579990"   "4600408"   "4602919"   "4607129"   "4647292"   "4647368"   "4684373"   "4699429"   "4699629"   "4720288"   "4737159"   "4743273"   "4743373"   "4773716"   "4773916"   "4781728"   "4797134"   "4804389"   "4812146"   "4818250"   "4824552"   "4844717"   "4851601"   "4852992"   "4873389"   "4884531"   "4895640"   "4896636"   "4899014"   "4955332"   "5004850"   "5015356"   "5032144"   "5041208"   "5113803"   "H001305").PN. OR ("Re20596").PN.				
S28	19	("5593567").URPN.	USPAT	ADJ	OFF	2008/10/09 16:36
S29	152	"1409404"   "2032330"   "2142937"   "2190480"   "2204215"   "2209904"   "2401983"   "2407716"   "2407717"   "2409157"   "2411582"   "2495648"   "2593561"   "2857254"   "2939836"   "2944003"   "2968609"   "3002917"   "3009789"   "3009791"   "3034878"   "3156640"   "3385680"   "3391077"   "3658690"   "3685502"   "3753670"   "3758401"   "3765848"   "3785790"   "3795495"   "3836342"   "3873276"   "3886759"   "3894849"   "3902870"   "3903194"   "3904508"   "3920698"   "3955938"   "3957901"   "3980448"   "3988122"   "4017268"   "4022589"   "4045092"   "4112889"   "4118425"   "4180036"   "4194886"   "4205960"   "4211639"   "4214876"   "4215997"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/09 16:36

		"4220120"   "4231756"   "4244703"   "4294587"   "4295861"   "4295862"   "4297172"   "4312636"   "4313738"   "4319981"   "4321061"   "4321063"   "4322304"   "4324569"   "4336032"   "4339245"   "4341529"   "4347062"   "4372752"   "4378230"   "4378231"   "4387257"   "4388081"   "4417904"   "4420930"   "4429173"   "4437436"   "4444567"   "4455909"   "4468233"   "4474580"   "4501596"   "4508617"   "4525174"   "4571439"   "4579990"   "4600408"   "4602919"   "4607129"   "4647292"   "4647368"   "4684373"   "4699629"   "4720288"   "4737159"   "4743273"   "4773916"   "4781728"   "4797134"   "4804389"   "4812146"   "4818250"   "4824552"   "4844717"   "4851601"   "4852992"   "4873389"   "4884531"   "4895640"   "4896636"   "4899014"   "4953332"   "5004850"   "5015356"   "5032144"   "5041208"   "5113803"   "5288393"   "5593567"   "5653860"   "H001305").PN. OR ("Re20596").PN.				
S30	13	("5837126").URPN.	USPAT	ADJ	OFF	2008/10/09 16:36
S31	652	isoparaffin\$1 and cycloparaffin\$1	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 08:08
S32	406	isoparaffin\$1 same cycloparaffin\$1	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 08:08
S33	352	isoparaffin\$1 with cycloparaffin\$1	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 08:09
S34	91	S33 and fuel	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 08:09
S35	86	S34 and aromatic\$1	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 08:12
S36	576	(208/18).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 08:20
S39	204	(208/17).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 08:21
S40	308	(208/19).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 08:21

S41	4	("2409156") or ("3644196") or ("6207040") or ("4747933")).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/25 08:33
S42	166	(208/16).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 14:18
S44	1	"10550702"	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 15:12
S46	185	(44/300).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 15:13
S47	450	(208/15).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/25 15:13
S48	712	S42 or S46 or S47	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 15:38
S49	88	S48 and aviation	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 15:39
S50	24	S48 and aviation and (isoparaffin\$1)	US-PGPUB; USPAT	ADJ	OFF	2008/11/25 15:40
S51	6	("20020045785") or ("6039772") or ("20030213728") or ("20030183554") or ("6767372") or ("6187064").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/26 09:10
S52	0	("EP19940300634").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/26 09:13
S53	45	Unleaded aviation gasoline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/11/26 09:18
S54	11	S53 and (isoparaffin\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/11/26 09:19
S55	34	(US-20020068842-\$ or US-20020175109-\$ or US-20020175107-\$ or US-20030183554-\$ or US-20030204986-\$ or US-20040020824-\$ or US-20040124122-\$ or US-20050000855-\$ or US-20070215519-\$ or US-20040144690-\$ or US-20060049080-\$ or US-20060243640-\$ or US-20020055663-\$).did. or (US-2032330-\$ or US-3660967-\$ or US-4834866-\$ or US-2761770-\$ or US-2626893-\$ or US-5288393-\$ or US-	US-PGPUB; USPAT	ADJ	OFF	2008/11/26 09:24

		5312542-\$ or US-5593567-\$ or US-5653866-\$ or US-5837126-\$ or US-5718820-\$ or US-6007589-\$ or US-6165348-\$ or US-6187171-\$ or US-6338791-\$ or US-2993766-\$ or US-3268436-\$ or US-6776897-\$ or US-6461497-\$ or US-7416568-\$ or US-6309432-\$).did.				
S56	8	S55 and isoparaffin\$1	US-PGPUB; USPAT	ADJ	OFF	2008/11/26 09:25
S57	2	("2761770").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:26
S58	11	HF Heavy Alkylate	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 16:27
S59	29	cycloparaffin\$1 and aviation fuel	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 16:32
S60	4	(("5593567") or ("6558439") or ("5837126") or ("20020175107")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:36
S61	1	S60 and naphthenes	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 16:36
S62	1	S60 and naphthene\$1	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 16:36
S63	83	isoparaffin\$1 and (naphthene \$1 or cycloparaffin\$1) and aviation fuel	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 16:50
S64	2	S63 and (consist\$3 with (isoparaffin\$1 and (cycloparaffin\$1 or naphthene \$1)))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 16:52
S65	214	naphthene\$1 and aviation fuel\$1	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 17:03
S66	15	S59 and S65	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 17:04
S67	228	S59 or S65	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 17:04
S68	117	S67 and (i paraffin\$1 or i-paraffin\$1 or isoparaffin\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/02 17:05
S69	17558	(isopentane\$1 or iso pentane \$1 or iso-pentane\$1 or i-pentane\$1 or i pentane\$1 or ipentane\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:21

S70	17558	(isopentane\$1 or iso pentane \$1 or iso-pentane\$1 or i-pentane\$1 or i pentane\$1 or ipentane\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:21
S71	195391	cycloparaffin\$1 or cyclohexane\$1 or cycloheptane\$1 or cyclooctane\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:21
S72	891603	gasoline or fuel	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:21
S73	1646	S69 and S70 and S71 and S72	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:21
S74	4746	((isopentane\$1 or iso pentane \$1 or iso-pentane\$1 or i-pentane\$1 or i pentane\$1 or ipentane\$1) same (isopentane\$1 or iso pentane \$1 or iso-pentane\$1 or i-pentane\$1 or i pentane\$1 or ipentane\$1)) same ((cycloparaffin\$1 or cyclohexane\$1 or cycloheptane\$1 or cyclooctane\$1))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:22
S75	1081	S74 and S72	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:22
S76	3736	(high octane or high-octane) (gasoline or fuel)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:24
S77	150	S75 and S76	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:24
S78	60	S75 and ((low or reduced) near4 (aromatics or benzene))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:45
S79	21574	"44".clas.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:49
S80	12273	S79 and (fuel or gasoline)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:49
S81	2712	S80 and (\$5octane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:50
S82	29	S80 and (i octane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:50
S83	501	S80 and (isoctane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:54

S84	74	S83 and (isopentane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:54
S85	57	S84 and (isoctane same isopentane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 07:54
S86	759	(585/14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/03 07:59
S87	316	(208/17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/03 07:59
S88	36	S86 and (isoctane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:00
S89	2261	(2,2,4-trimethylpentane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:09
S90	15119	(2,2,4-trimethylpentane or isoctane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:09
S91	2227	(2,2,4-trimethylpentane or isoctane) and (methylbutane or 2- methylbutane or isopentane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:10
S92	680	(fuel or gasoline) and (2,2,4- trimethylpentane or isoctane) and (methylbutane or 2- methylbutane or isopentane)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:11
S93	366	(fuel or gasoline) and (2,2,4- trimethylpentane or isoctane) and (methylbutane or 2- methylbutane or isopentane) and (cycloparaffin\$1 or cyclohexane\$1)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:11
S94	52	(fuel or gasoline) and (2,2,4- trimethylpentane or isoctane) and (methylbutane or 2- methylbutane or isopentane) and (cycloparaffin\$1 or cyclohexane\$1) and (volume percent)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:13
S95	58	(fuel or gasoline) and (2,2,4- trimethylpentane or isoctane) and (methylbutane or 2- methylbutane or isopentane) and (cycloparaffin\$1 or cyclohexane\$1 or naphthene \$1) and (volume percent)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:19
S96	4	F4 octane number	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 08:58

S97	4	supercharge octane number	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 09:00
S98	5	("2407717").URPN.	USPAT	ADJ	OFF	2008/12/03 09:18
S99	21	ASTM D909	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 09:25
S100	21	ASTM D909	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/12/03 09:26
S101	27	ASTM D910	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 09:29
S102	6	supercharge rating and unleaded	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 09:32
S103	8	supercharge rating and (gasoline or fuel)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2008/12/03 09:32

12/5/2008 2:14:36 PM

C:\ Documents and Settings\jmarten\Desktop\ East Workspaces\ 10550702 - Fuel presenting reduced aromatics levels and a high octane number.wsp